TERM TON

	00000			
100 ~~~~~ ~~~~~ AASPH ~~~~~	200 EMAD EMAD EMAE DMAD	300 SASS SASS VDSS VDSS	400 TYFA TYFA TYFA TYFA HQFT	500 RPGG RPGG REGG RPNG RYPA
100	200 YKVRSSEMAD YKVRSSEMAD YKVRSSDMAD YKVRSSDMAD	300 NQFAIDSASS NQFAFAVDSS NQFAFAVDSS	400 AMRKVATYFA AMRKVATYFA AMRKVATYFA AMRKVATYFA STERLVHQFT	500 MOALALRPGG MOALALRPGG MOALALREGG IQALALRPNG MOALADRYPA
		· · · · · · · · · · · · · · · · · · ·		MOP MOP IOP MOP
GHSDTVNQIA	GMDELLAVLG GMDELLAVLGDELLGVLG GVDELLVVLG cc.c.c.c.c.c.c.c.c.c.c.c.c.c.c.c.c.	IPGDAIL IPGDAIL IPGNAVCRRS IPGSAVYPR.	IGFLAVSQIG IGFLAVSQIG IGFLAVSQBG IGFLASSQBG LSTNSSPFGD ISQLSTPYGT	S00 MSQGLQWPAL MQALALRPGG MNQGLQWPAL MQALALREGG LNHGLQWPAL IQALALRPNG INHGVQWPPL MQALADRYPA IMQGLQWPGL FHILASRPGG
GHSDTVNQI	DELL DELL DELL DELL	IPGDAIL IPGDAIL IPGNAVCRR IPGSAVYPR	TLAV TLAV TLAV TLAS TNSS	0719i
VTGQYYGECK	MMMNEEDDGN MMNKEEDD., MTTVIKEEA.	SFFTGGDLKA SFFTGGDLKADLRA	LTVAEALVKQ LTVAEALVKQ LTLAEALVKQ LKLADALVKH FSAAKRLLTI LEEANKLLLE	.KRVHVIDES .KRVHVIDES .KRVHVIDES .EKVHVIDLG
GQY)	MMMNEEDDG MMWKEEED. MTVIKEEA	FTGG	VAEA VAEA LAEA LADA AAKR	RVHV RVHV RVHV KVHV SVHI
		–		
**************************************	HHHHHQDKKT SPAVFGKDKM SSAGEGGSSS ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	NAEY NAEINNNNN DSEY	ACAEAVQKEN ACAEAVQKEN ACAEAVQSSN ACAEAVQQNN SCAELISQSD QCAEAVSADN	QAILEAFQGK QAILEAFGGK QAILEAFEGK QAILEVFATA QAILEAINGN
rurv rnrv	HHHH HHHH PAVE SAGE	NAEY NAEINNNN DSEY	AEAV AEAV AEAV AEAV	ILER ILER ILER ILER ILER
IDWTAIAVSL	CTSIAGSSTS KEQREHNHRE	PSS PSS PAATTGSNALTRIQEKP	NGVRLVHALL NGVRLVHALM NGVRLVHALM TGVRLVHALL ALQIRQLLI EGLHLLTLLL	YLKFAHFTAN YLKFAHFTAN YLKFAHFTAN YLKFAHFTAN FYRFFQLFAN LVKFSHFTAN
 IDWTAIA	TSIR	PSS PSS PAATT	SVRL SVRL SVRL SVRL SVRL SLRL	LKEA LKEA LKEA LKEA KEST
		. –		
SDYVEQUVE	FOGP	LTDL	LVDS LVDS LVDS LVDS LVDS LVDS LVDS LVDS	YETC YETC YETC NOV
SDYVEQUVE	DLHQFQGPNH AADNLLAGGC	SMLTDLNP SMLTDLNP NMLTELNP SMLSDLDP SMLSDLDP	RHVVLVDSQE RHVVLVDSQE RPLILVDSQD RSVVVLDSQE TTTTITSP.	. QMHFYETCP . QMHFYETCP . QMHFYETCP . QIHFYESCP SYLSLNQYEP FQV. FNGISP
LKNSIQTNFG	OEIFSFSYGG	NPAELYTWLD NPAELYTWLD NPAELYSWLD NPSDLSGWVE NPSDLSGWVE	.T.TATAEST .T.TATAEST .TVTTVTEST .EIESELSST .RFTATATTI	LSDTL LSDTL LSDTL ESDTL SSSSLALIQS
LKK	OEII VSHI	NPAE NPAE NPAE NPSI	T.T. T.T. TVT. EIE.	LSDTL LSDTL LSDTL FSDTL SSSSLAL
CKFG	GND	NOI:	VET VET IGT T QQR VQT	DHS DHS DHS SSS DSS THS
SPAQNVKKFG	OVSRIDTGND	SQLATETVHY SQLATETVHY AHLATDTVHY SNLSDETVHY SNLSDETVHY SVSIPQLIQN	LKCSNGVVET LKCSNGVVET .PSPAGVIGT KRT	PSQ.SPIDHS PSQ.SPIDHS PPQ.TQIDHS PRD.DVASSS PVETTPDSS
				PSQ PSQ PPQ PRD PVE
LISDS	TRSWDTRSFE	MMSNVQEDDL MMSNVQEDDL MMGNAQEDGL VLGDGI	TNKR TNKR TS	. LS LS LS LS LS LS LS LY LY LY
EVQNRQLSI	TESWDTRSE	MMSNVQEDDL MMSNVQEDDL MMGNAQEDGL VLGDGI	GGDTYTTNKR GGDTYTTNKR SPDSMYTS DEHVTRRS SSSQSHPHHB STDAPPQPET	
		201 VAQKLEQLEV MMSNVQEDDL VALKLEQLEY MMGNAQEDGL VAHKLEQLET MCNGDGI VAHKLEQLEM TECTET VARANTATION TO THE TECTET THE TE	301 S.NQGG GGDTYTTNK S.NQGG GGDTYTTNK S.NKRLKPSS SPDSMVTSDEHVTRRMLGSFGS SSSQSHPHH PIQQQERENS STDAPPQPE	· -
MEEVSSEMEV	101	201 VAQKLEQLEV VAQKLEQLEY VALKLEQLEY VAHKLEQLEM VAHKLEQLEM VAHKLEQLEM	301 S.NQGG S.NQGG S.NKRLKPSS MLGSFGS	401 EALARRIYR. EALARRIYR. EALARRIYR. EGLARRIYR. RALSLRINRY
EEVSSEME	HSCS	1 OKLE OKLE LKLE HKLE ****	1 NQ NQ NKRL 	401 EALARRIYR EALARRIYR EGLARRIYR RALSLRINR EAMSARLINR
_	101 ~~~ VLH PPP	201 VAQ VAQ VAL VAH	301 S.N S.N S.N S.N	401 EAL EAL EAL EGL RAL EAM
(GAI) (RGA) uvage) (RGAL) (LS)	(GAI) (RGA) uvage) (RGAL) (LS)	(GAI) (RGA) uvage) (RGAL) (LS)	(GAI) (RGA) (RGAL) (RGAL) (LS)	(GAI) (RGA) uvage) (RGAL) (LS)
(GAI (RGA ZH-sauvage (RGAL (LS	(GAI) (RGA) 2H-sauvage) (RGAL) (LS)	(GAI (RGA 2H-sauvage (RGAL (LGA (SCARECROW	(GAI {RGA 2H-sauvage (RGAL {LSA	(GAI RGA LGA RGAL RGAL LS
(GAI (RGA (BZH-sauvage (RGAL) (LS)	(GAI (RGA (BZH-sauvage (RGAL (LS)	(GAI (RGA (BZH-sauvage (RGAL (LS	(GAI (RGA) (BZH-sauvage (RGAL) (LS)	(GAI RGA BZH-sauvage RGAL LS
~	_	_	=	J

Her S TANK

600 NQI NQI KQI KSI KSM QRL	700 NAF NAF NAY FAL	
6 LGVVN(LGVVN(FGVVK(LSTIKS LHRVKS	700 WRNNFGSAGF AAAHIGSNAF WRNNFGSSGF APAHLGSNAF WRNNFGLGGF KPVSIGSNAY WEVMLRSCGF SNVALSPFAL	
DKV DKV EKV DKF DKF	F AAAI F APAI F KPV; F SNV;	
SRPGA SRPGA SRTGG AHPGS COREKI	FGSAGI FGSAGI FGLGGI LRSCGI	
HKLLC HKLLC HKLLC HKLLC HRLLCH HRLLCH	WRNRI WSNRI WRNRI WEVMI	
SVEEL SVEEL SVEEL SVEEL CVEYL	etlso etlso etlso etlno erfrs	
SVAVN SVAVN AVAVN SVAVN TLAIN	RVERH RVERH RVERH RVERH RKERH	
SEIE SEIE SETE G.LE DE	DGPD DGPD EGPD EGED GGPS	
HEVGCKLAHL AEAIHVEFEY RG.FVANTLA DI.DAS MLELRPSEIE SVAVNSVFEL HKLLGRPGAI DKVLGVVNQI HEVGCKLAHL AEAIHVEFEY RG.FVANTLA DLDAS MLELRPSEIE SVAVNSVFEL HKLLGRPGAI DKVLGVVNQI HEVGCKLAQL AEAIHVEFEY RG.FVANSLA DLDAS MLELRPSETE AVAVNSVFEL HKLLGRTGGI EKVFGVVKQI QEVGWKLGQL ASTIGVNFEF KS.IALNNLS DLKPE MLDIRPG.LE SVAVNSVFEL HRLLAHPGSI DKFLSTIKSI RRTGDRLAKF AHSLGLRFQF HPLYIANNNH DHDEDPSIIS SIVLLPDE TLAINCVFYL HRLLKDRFKK RIFLHRVKSM QATGKRLSDF TDKLGLPFEF CPLAEKVG NLDTE RLNVRKRE AVAVHWLQ HSLYDVTGSD AHTLWLLQRL	DRFTESLHYY STLFDSLEGVPSGQDKV. MSEVYLGKQI CNVVACDGPD RVERHETLSQ WRNRFGSAGF AAAHIGSNAF DRFTESLHYY STLFDSLEGVPSGQDKV. MSEVYLGKQI CNVVACDGPD RVERHETLSQ WRNRFGSAGF AAAHIGSNAF DRFTESLHYY STLFDSLEGAPSSQDKV. MSEVYLGKQI CNLVACEGPD RVERHETLSQ WSNRFGSSGF APAHLGSNAF DRFTESLHYY SSLFDSLEGPPS.QDKV. MSELFLGRQI LNLVACEGED RVERHETLNQ WRNRFGLGGF KPVSIGSNAY QRFIEALDYY TAVFDSLEAT LPPGSRERMT VEQVWFGREI VDIVAMEGDK RKERHERFRS WEVMLRSCGF SNVALSPFAL GRFVEAIHYY SALFDSLGAS YGEESEERHV VEQQLLSKEI RNVLAVGGPS R.SGEVKFES WREKMQQCGF KGISLAGNAA	
S S S S S S S S S S S S S S S S S S S	SKOI C SKOI C SKOI C SROI I SREI V	
LDA LDA LDA LKP HDEDPS	SEVYLC SEVYLC SELFLC SELFLC EQVWFC	
TLA D TLA D SLA D NLS D NNH D	KV. M KV. M KV. M RV. M RMT V	
. FVAN . FVAN . FVAN . IALN LYIAN	PSGQD PSGQD PSSQD PS.QD	746 KLSTN~ KLSTN~ KLSAVH RINRVE R~~~~~
TEY ROTELY ROTEL	56	SAW KI SAW KI SAW KI SAW RI
AIHVEI AIHVEI AIHVEI FIGVNI SLGLRI	LFDSLI LFDSLI LFDSLI LFDSLI VFDSLI LFDSLI	TRPLIATSAW TRPLIATSAW TRPLITTSAW TRPLIATSAW NQPLESISSW DLSLLTASAW
HL AE/ HL AE/ QL AE/ QL AS/ KF AH/ OF TDI	YY STI YY STI YY STI YY TAN	WH TRI WH TRI WO TRI WO NOI
GCKLA GCKLA GCKLA GWKLG GDRLA GKRLS	DRFTESLHYY STLFDSLEG. DRFTESLHYY STLFDSLEG. DRFTESLHYY STLFDSLEG. QRFTESLHYY SSLFDSLEG. QRFTEALDYY TAVFDSLEGT	746 SDGCLMLGWH TRPLIATSAW KLSTN~ SDGCLMLGWH TRPLIATSAW KLSTN~ NNGCLMLSWH TRPLITTSAW KLSAVH NEGCLLLGWQ TRPLIATSAW RINRVE SSNSFFLGWQ NQPLFSISSW R~~~~~
POVERLYGIG PPAPDNEDYL PPVERLYGIG PPAPDNEDYL PPSERLYGIG PPAADNSDHL PPDERLYGIG YSLTDI PTLRITGTGNDLDTL PPHVRLYGIGTSMEAL	601 KPEIFTVVEQ ESNHNSPIFL KPVIFTVVEQ ESNHNGPVFL KPVIFTVVEQ ESNHNGFVFL RPDIMTVVEQ EANHNGTVFL NPKIVTIAEK EANHNPLFL	701 KQASMLLALF NGGEGYRVEE KQASTLLALF NGGEGYRVEE KQASMLLALY AGADGYNVEE SQAKLLLRLH YPSEGYQLGV
PPAP PPAP PPAA YSLT	ESNH ESNH ESNH EANH	NGGE NGGE NGGE AGAD
01 PVFRLTGIG PVFRLTGIG PSFRLTGIG PSFRLTGIG PDFRLTGIG PDFRLTGIG PTLRITGIG PTLRITGIG	TVVEC TVVEC TVVEC TIAEH	ALLALE ALLALE FLLALE ALLALY
501 PPVFF PPVFF PPDFF PPDFF	601 KPEII KPVII KPVII RPDIN NPKIV	701 KQASN KQASN KQASN SQAKI
(GAI) (RGA) uvage) (RGAL) (LS)	(GAI) (RGA) uvage) (RGAL) (LS) ECROW)	(GAI) (RGA) uvage) (RGAL) (LS)
(GAI) (RGA) (BZH-sauvage) (RGAL) (RGAL) (LS)	(GAI) (RGA) (BZH-sauvage) (RGAL) (LS)	(GAI) (RGA) (BZH-sauvage) (RGAL) (LS) (LS)
(82)	(BZI	128)

Figure 1 (suite)